

Matthew C Smear

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9426267/publications.pdf>

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9
papers

1,285
citations

1039406

9
h-index

1473754

9
g-index

12
all docs

12
docs citations

12
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise olfactory responses tile the sniff cycle. <i>Nature Neuroscience</i> , 2011, 14, 1039-1044.	7.1	352
2	Hierarchy of orofacial rhythms revealed through whisking and breathing. <i>Nature</i> , 2013, 497, 205-210.	13.7	280
3	Perception of sniff phase in mouse olfaction. <i>Nature</i> , 2011, 479, 397-400.	13.7	212
4	Algorithms for Olfactory Search across Species. <i>Journal of Neuroscience</i> , 2018, 38, 9383-9389.	1.7	117
5	Multiple perceptible signals from a single olfactory glomerulus. <i>Nature Neuroscience</i> , 2013, 16, 1687-1691.	7.1	108
6	Movement-Related Signals in Sensory Areas: Roles in Natural Behavior. <i>Trends in Neurosciences</i> , 2020, 43, 581-595.	4.2	97
7	Odor Concentration Change Coding in the Olfactory Bulb. <i>ENeuro</i> , 2019, 6, ENEURO.0396-18.2019.	0.9	46
8	Sniff Invariant Odor Coding. <i>ENeuro</i> , 2018, 5, ENEURO.0149-18.2018.	0.9	41
9	Sniff-synchronized, gradient-guided olfactory search by freely moving mice. <i>ELife</i> , 2021, 10, .	2.8	29